APPENDIX A

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	1 source	CDATA	#REQUIRED					
	2 target	CDATA	#REQUIRED	<u>į </u>				
(Comment	Edge's label, default is none							
la label	#PCDATA							
Comment	Edge's color in Hexade	Edge's color in Hexadecimal (e.g 000000 is black, 00FF00 is green), default is black						
Ele color	#PCDATA	#PCDATA						
(← Comment	Type: A number that n	Type: A number that represents the edge to be used: 1=One way arrowed edge, 2=One way reversed arrowed adge, 3=double arrow edge						
		(both directions), 4=no arrows (default)						
Ele type	#PCDATA							



APPENDIX B

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<?xml version='1.0'?>
<qraph>
      <!-- fitInWindow, by definition, also means center graph -->
      <fitInWindow set="false"/>
      <!-- CenterOn Values: graph, node, none
      if node is choosen, fitInWindow must be false -->
      <centerOn>node</centerOn>
      <Nodes>
            <node label="ATHENS" img="http://eman-</pre>
            dev/AppletTest/Images/32x32-end_station blue.gif">
                  <tooltip>ATHENS</tooltip>
                  <DoubleClickAction command="http://eman-</pre>
                  dev/ADTopo/ADTopo.cgi?SiteCode=ATHENS&Hops=1&Data
                  Type=1" type="XML"/>
                  <PopupMenuItems>
                        <PopupMenuItem label="Site links...">
                              <ClickAction command="http://eman-</pre>
                              dev/ADTopo/ADTopo.cgi?SiteCode=ATHENS&Hop
                              s=1&DataType=3" type="HTML"/>
                        </PopupMenuItem>
                        <PopupMenuItem label="Routers...">
                              <ClickAction command="http://eman-</pre>
                              dev/ADTopo/ADTopo.cgi?SiteCode=ATHENS&Hop
                              s=1&DataType=2" type="HTML"/>
                        </PopupMenuItem>
                        <PopupMenuItem label="Subnets...">
                              <ClickAction command="http://eman-
                              dev/ADTopo/ADTopo.cgi?SiteCode=ATHENS&Hop
                              s=1&DataType=4" type="HTML"/>
                        </PopupMenuItem>
                  </PopupMenuItems>
            </node>
            <node label="BIRMINGHAM" img="http://eman-</pre>
            dev/AppletTest/Images/32x32-end station blue.qif">
                  <tooltip>BIRMINGHAM</tooltip>
                  <DoubleClickAction command="http://eman-</pre>
                  dev/ADTopo/ADTopo.cgi?SiteCode=BIRMINGHAM&Hops=1&
                  DataType=1" type="XML"/>
                  <PopupMenuItems>
                        <PopupMenuItem label="Site links...">
                              <ClickAction command="http://eman-
                              dev/ADTopo/ADTopo.cgi?SiteCode=BIRMINGHAM&amp
                              ;Hops=1&DataType=3" type="HTML"/>
                        </PopupMenuItem>
                        <PopupMenuItem label="Routers...">
                              <ClickAction command="http://eman-
                              dev/ADTopo/ADTopo.cgi?SiteCode=BIRMINGHAM&amp
                              ;Hops=1&DataType=2" type="HTML"/>
                        </PopupMenuItem>
                        <PopupMenuItem label="Subnets...">
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<ClickAction command="http://eman-
                  dev/ADTopo/ADTopo.cgi?SiteCode=BIRMINGHAM&amp
                  ;Hops=1&DataType=4" type="HTML"/>
            </PopupMenuItem>
      </PopupMenuItems>
</node>
<node label="BRENTWOOD" img="http://eman-</pre>
dev/AppletTest/Images/32x32-end_station_blue.gif">
      <tooltip>BRENTWOOD</tooltip>
      <DoubleClickAction command="http://eman-</pre>
      dev/ADTopo/ADTopo.cgi?SiteCode=BRENTWOOD&Hops=1&D
      ataType=1" type="XML"/>
      <PopupMenuItems>
            <PopupMenuItem label="Site links...">
                  <ClickAction command="http://eman-
                  dev/ADTopo/ADTopo.cgi?SiteCode=BRENTWOOD&
                  Hops=1&DataType=3" type="HTML"/>
            </PopupMenuItem>
            <PopupMenuItem label="Routers...">
                  <ClickAction command="http://eman-
                  dev/ADTopo/ADTopo.cgi?SiteCode=BRENTWOOD&
                  Hops=1&DataType=2" type="HTML"/>
            </PopupMenuItem>
            <PopupMenuItem label="Subnets...">
                  <ClickAction command="http://eman-
                  dev/ADTopo/ADTopo.cgi?SiteCode=BRENTWOOD&
                  Hops=1&DataType=4" type="HTML"/>
            </PopupMenuItem>
      </PopupMenuItems>
</node>
<node label="MPH-CS1" img="http://eman-</pre>
dev/AppletTest/Images/32x32-end station blue.gif">
      <tooltip>MPH-CS1</tooltip>
      <DoubleClickAction command="http://eman-</pre>
      dev/ADTopo/ADTopo.cgi?SiteCode=MPH-
      CS1& Hops=1& DataType=1" type="XML"/>
      <PopupMenuItems>
            <PopupMenuItem label="Site links...">
                  <ClickAction command="http://eman-
                  dev/ADTopo/ADTopo.cgi?SiteCode=MPH-
                  CS1& Hops=1& DataType=3" type="HTML"/>
            </PopupMenuItem>
            <PopupMenuItem label="Routers...">
                  <ClickAction command="http://eman-</pre>
                  dev/ADTopo/ADTopo.cgi?SiteCode=MPH-
                  CS1& Hops=1& DataType=2" type="HTML"/>
            </PopupMenuItem>
            <PopupMenuItem label="Subnets...">
                  <ClickAction command="http://eman-</pre>
                  dev/ADTopo/ADTopo.cgi?SiteCode=MPH-
                  CS1& Hops=1& DataType=4" type="HTML"/>
            </PopupMenuItem>
      </PopupMenuItems>
</node>
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<node label="RTP" img="http://eman-dev/AppletTest/Images/32x32-</pre>
      end_station_blue.gif">
            <tooltip>RTP</tooltip>
            <DoubleClickAction command="http://eman-</pre>
            dev/ADTopo/ADTopo.cgi?SiteCode=RTP&Hops=1&DataTyp
            e=1" type="XML"/>
            <PopupMenuItems>
                  <PopupMenuItem label="Site links...">
                        <ClickAction command="http://eman-
                        dev/ADTopo/ADTopo.cgi?SiteCode=RTP&Hops=1
                        &DataType=3" type="HTML"/>
                  </PopupMenuItem>
                  <PopupMenuItem label="Routers...">
                       <ClickAction command="http://eman-</pre>
                       dev/ADTopo/ADTopo.cgi?SiteCode=RTP&Hops=1
                       &DataType=2" type="HTML"/>
                  </PopupMenuItem>
                  <PopupMenuItem label="Subnets...">
                        <ClickAction command="http://eman-
                        dev/ADTopo/ADTopo.cgi?SiteCode=RTP&Hops=1
                        &DataType=4" type="HTML"/>
                  </PopupMenuItem>
            </PopupMenuItems>
      </node>
      <node label="ATLANTA" img="http://eman-</pre>
      dev/AppletTest/Images/32x32-end_station_blue.gif">
            <tooltip>ATLANTA</tooltip>
            <DoubleClickAction command="http://eman-</pre>
            dev/ADTopo/ADTopo.cgi?SiteCode=ATLANTA&Hops=1&Dat
            aType=1" type="XML"/>
            <PopupMenuItems>
                  <PopupMenuItem label="Site links...">
                        <ClickAction command="http://eman-
                        dev/ADTopo/ADTopo.cgi?SiteCode=ATLANTA&Ho
                        ps=1&DataType=3" type="HTML"/>
                  </PopupMenuItem>
                  <PopupMenuItem label="Routers...">
                        <ClickAction command="http://eman-
                        dev/ADTopo/ADTopo.cgi?SiteCode=ATLANTA&Ho
                        ps=1&DataType=2" type="HTML"/>
                  </PopupMenuItem>
                  <PopupMenuItem label="Subnets...">
                        <ClickAction command="http://eman-</pre>
                        dev/ADTopo/ADTopo.cgi?SiteCode=ATLANTA&Ho
                        ps=1&DataType=4" type="HTML"/>
                  </PopupMenuItem>
            </PopupMenuItems>
      </node>
</Nodes>
<Edges>
      <edge source="ATLANTA" target="ATHENS">
           <label>2717</label>
      </edge>
      <edge source="ATLANTA" target="BIRMINGHAM">
```









```
<?xml version='1.0'?>
<graph>
    <useGrid set="false"/>
    <!-- fitInWindow, by definition, also means center graph -->
    <fitInWindow set="true"/>
    <!-- CenterOn Values: graph, node, none
        if node is choosen, fitInWindow must be false -->
    <centerOn>graph</centerOn>
    <!-- Img ="null" means clean-up current img -->
    <!-- <background color="FFFFFF" img="http://cassio-
      7020/AppletTest/Images/32x32-end station yellow.gif"
      style="IMAGE_TILE"/> -->
    <!-- <background color="00F000" img="null"/> -->
    <background img="http://cassio-7020/AppletTest/Images/32x32-</pre>
    end station yellow.gif" center="10,10"/>
    <!-- <layoutType>Hierarchical</layoutType> -->
    <layoutType>Hierarchical</layoutType>
      <nodes>
            <node label="Node on the Fly" img="http://cassio-</pre>
            7020/AppletTest/Images/32x32-end station red.gif">
            <tooltip>Behold!!!!</tooltip>
            <location>50,100</location>
            </node>
            <node label="More Node on the Fly" img="http://cassio-</pre>
            7020/AppletTest/Images/32x32-end station yellow.gif">
                  <!-- No tooltip -->
            <select/>
            </node>
            <node label="Unknown node" img="http://cassio-</pre>
            7020/AppletTest/Images/32x32-end station blue.gif">
                  <!-- I just changed the icon of an existing node -->
            </node>
      </nodes>
      <edqes>
        <!-- Edge types:
            1: one way arrow
            2: reverse arrow
            3: two arrows
            4: no arrows -->
            <edge source="Node on the Fly" target="Unknown node">
                  <label>A new Label...</label>
                  <color>0000FF</color>
                  <!-- No edge type -->
            <edge source="Node on the Fly" target="More Node on the Fly">
                  <!-- No label -->
                  <color>00FF00</color>
                  <type>3</type>
            </edge>
     </edges>
</graph>
```